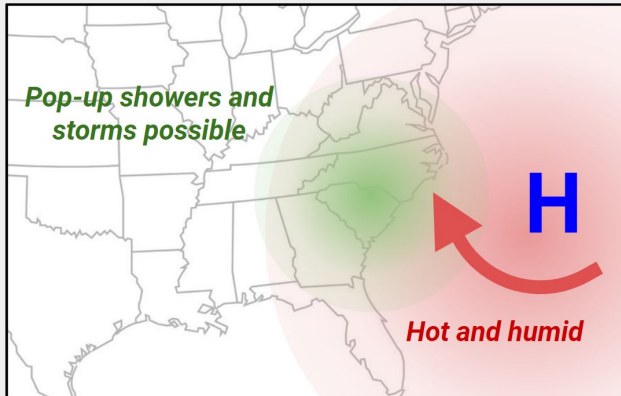


Short-Range Outlook for North Carolina

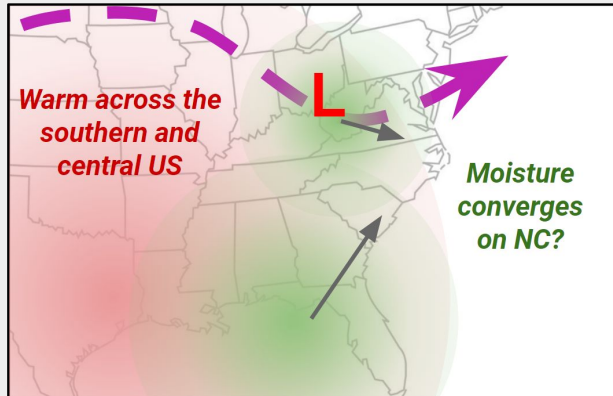
Week 1:

June 30 to July 6, 2022



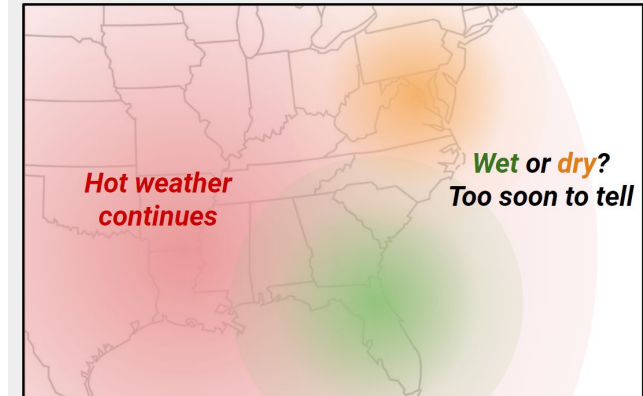
Week 2:

July 7 to 13, 2022



Weeks 3-4:

July 14 to 27, 2022



A Hot, Humid Holiday Weekend



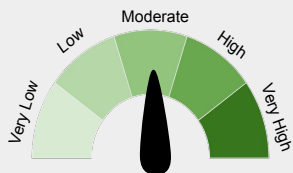
Under the influence of the offshore Bermuda High, temperatures will be at or slightly above normal levels, generally in the upper 80s or low 90s all week. Humidity will be high through the holiday weekend with moist southeasterly flow off the Atlantic Ocean.

Summer Showers



Daytime heating and a humid air mass should support afternoon showers and thunderstorms most days. While totals could be locally heavy, rain likely won't be widespread, meaning some drought-affected areas may miss out and dry out even more.

Forecast Confidence



Confidence is high in the temperature pattern, while the scattered nature of our summer rainfall makes it a more challenging forecast.

Hotter Weather Lingers



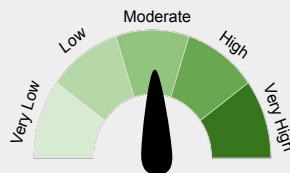
Jet stream ridging is expected to develop over the central US this week, and on the fringes of that ridge, North Carolina should see warm weather continue. Current forecasts support high temperatures persistently in the mid-80s to mid-90s this week.

Increased Rain Chances?



Our position downstream of the ridge could mean a more favorable precipitation pattern. Systems tracking along the jet stream could clip us to the north, while Gulf moisture could also move in from the south and boost our rain chances and amounts.

Forecast Confidence



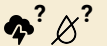
The precipitation potential is again the trickiest part of this forecast. If the rain pans out, some areas could see an inch or more.

The Dog Days Deepen



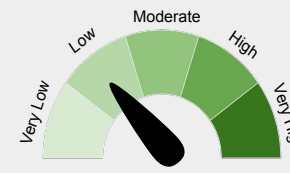
Most longer-range forecasts show the jet stream ridge sticking around to our west through late July, which should also elevate our temperatures across NC. Climatologically, July is our hottest month of the year, with average highs in the upper 80s statewide.

Maybe Wet, Maybe Dry



Current forecasts offer little useful guidance about our potential late-month precipitation pattern. If the Week 2 setup continues, regular showers are possible. But if that moisture is cut off, we could have a drier end to July with drought expansion.

Forecast Confidence



The big question entering July is whether the drought will worsen. For now, it's tough to tell, at least based on these initial forecasts.